

1-7-02

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jc921 U.S. PTO

PATENT



01/03/02

Docket No. IL-10314B

Assistant Commissioner for Patents
Washington, DC 20231

J1011 U.S. PTO
10/037288
01/03/02

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):
Tri D. Tran and David J. Lenz

For (title): **Alternating-Polarity Operation for Complete Regeneration of
Electrochemical Deionization System**

1. **Type of Application**

- ☐ This new application is for an original patent.
- ☒ This new application is a:
 - ☒ Division
 - ☐ Continuation
 - ☐ Continuation-in-part (CIP)

2. **Benefit of Prior U.S. Application(s) (35 USC 120)**

- ☒ The new application being transmitted claims the benefit of prior
U.S. application(s). 09/234,586 filed January 21, 1999
 - ☒ Group/Art Unit: 1741
 - ☒ Examiner of Prior Application: W. Nicolas

3. ☐ **Benefit under 35 U.S.C. 119(e) of United States provisional application(s) list
below:**

Application Serial No.	Filing Date
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4. **Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).**

<u>41</u>	Pages of specification, including
<u>7</u>	Claims, Abstract and Title Page
<u>7</u>	Sheets of drawings

5. **Additional papers enclosed**

- ☐ Preliminary Amendment
- ☒ Express Mail Certificate
- ☒ Return Postcard

6. Declaration or oath

- ☒ Copy from a Prior Application enclosed and executed by
- ☒ Inventors
 - ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
 - ☐ Not Enclosed

7. Assignment

- ☒ An assignment of the invention to The Regents of the University of California.
- ☐ is attached
 - ☐ will follow
 - ☒ Previously filed

8. Certified Copy

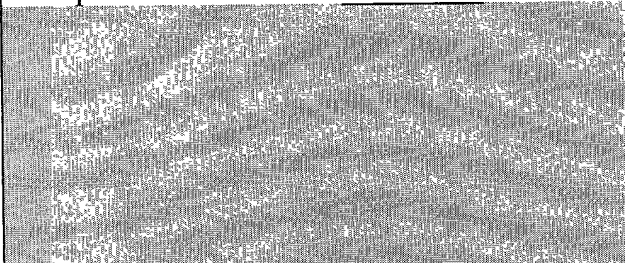
Certified copy(ies) of application(s)

(country)	(application no.)	(filed)
(country)	(application no.)	(filed)

from which priority is claimed

- ☐ is(are) attached.
- ☐ will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	26	-20 =	6 x	\$18 =	\$ 108.00
Independent Claims	3	-3 =	0 x	\$84 =	\$.00
				Multiple Claims	= \$
				Basic Filing Fee	= \$ 740.00
				Sub-Total	= \$ 848.00
				Small Entity Filing Fee	= \$ 424.00

10. **Small Entity Statement(s)**

- ☐ Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.
- ☒ Copy of Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 filed in prior application. Status still proper and desired.

11. **Fee Payment**

- ☐ Not Enclosed
- ☒ Enclosed (See Charge Account Information Below)

Total Basic Filing Fees To Be Paid \$ 424.00

12. **Method of Payment of Fees**

- ☐ Check in the Amount of \$ _____
- ☒ Charge Account No. 12-0695 in the amount of \$ 424.00
- A duplicate of this transmittal is attached.**

13. **Instructions As To Overpayment/Underpayment**

- ☒ credit/charge
- Account No. 12-0695
- ☐ refund

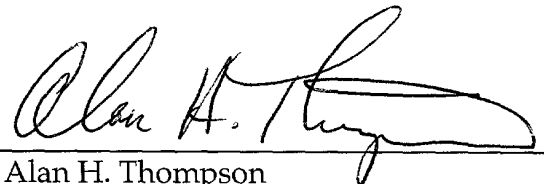
14. **Correspondence Address**

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Reg No.: 29,981



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Livermore, CA 94551

Dated: Dec. 28, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appellants : Tri D. Tran et al. Docket No. : IL-10314B
Serial No. : Art Unit : 1741
Filed : Examiner : W. Nicolas
For : Alternating-Polarity Operation for Complete Regeneration of
Electrochemical Deionization System

Assistant Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL534389169US

Date of Deposit JANUARY 3, 2002

I hereby certify that the following *attached* correspondence comprising:

1. New Application Transmittal (Original and copy)
2. Divisional Application Cover Letter showing changes
3. Divisional Application: Specification with Claims and Abstract (48 pages), Drawings (7 sheets)
4. Combined Declaration/Power of Attorney (copy from prior application)
5. Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Nancy J. Stone

(Type or print name of person mailing paper)

Nancy J. Stone

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Tri D. Tran et al Attorney Docket: IL-10314B
 Serial No. : Art Unit: 1741
 Filed : Examiner: W. Nicolas
 For : Alternating-Polarity Operation for Complete Regeneration of
 Electrochemical Deionization System

DIVISIONAL APPLICATION

Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

The above-identified application is being filed as a Divisional Application claiming priority from application serial number 09/234,586, filed January 21, 1999.

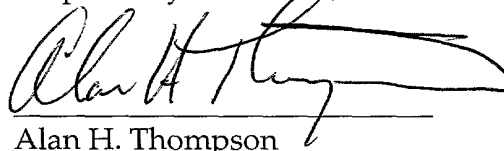
The following changes from the parent case have been made:

Claims 1-9 are cancelled.

Claim 10	changed to	Claim 1
Claim 11	changed to	Claim 2
Claim 12	changed to	Claim 3
Claim 13	changed to	Claim 4
Claim 14	changed to	Claim 5
Claim 15	changed to	Claim 6
Claim 16	changed to	Claim 7
Claim 17	changed to	Claim 8
Claim 18	changed to	Claim 9
Claim 19	changed to	Claim 10
Claim 20	changed to	Claim 11
Claim 21	changed to	Claim 12
Claim 22	changed to	Claim 13
Claim 23	changed to	Claim 14

Claims 15 through 26 are added.

Respectfully submitted,



Alan H. Thompson
 Attorney for Applicant
 Registration No. 29,981

Dated: Dec 28, 2001

10037888-010302